

Docket No.: L&L-I0026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : PETER JUNG ET AL.  
Filed : CONCURRENTLY HEREWITH  
Title : RAKE RECEIVER FOR OPERATING IN FDD AND TDD MODES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

German Published Non-Prosecuted Patent Application DE 198 26 036 A1  
(Kowalewski), dated December 16, 1999, and English abstract thereof;

German Published Non-Prosecuted Patent Application DE 198 49 544 A1  
(Falkenberg et al.), March 30, 2000, and English abstract thereof;

German Published Non-Prosecuted Patent Application DE 198 49 559 A1 (Braam et al.), dated March 23, 2000, and English abstract thereof;

German Published Non-Prosecuted Patent Application DE 101 06 391 A1 (Jung et al.), dated August 29, 2002, and English abstract thereof;

European Patent Application EP 1 050 973 A1 (Pigeonnat), dated November 8, 2000, and English abstract thereof;

PCT WO 95/24086 (Thielecke et al.), dated September 8, 1995;

PCT WO 00/16494 (Ylitalo et al.), dated March 23, 2000;

PCT WO 01/18976 A2 (Boche et al.), dated March 15, 2001;

PCT WO 01/29982 A1 (Ottosson et al.), dated April 26, 2001;

Pigeonnat, Y.: "Joint Detection for UMTS: Complexity and Alternative Solutions", Vehicular Technology Conference, IEEE, 4<sup>th</sup> Ed., May 16, 1999, pp. 546-550;

Povey, G. J. R. et al.: "TDD-CDMA Extension to FDD-CDMA Based Third Generation Cellular System", International Conference on Universal Personal Communications Record, IEEE, 6<sup>th</sup> Ed., Vol. 2, October 12, 1997, pp. 813-817;

Author not listed, Matsushita (ed.): "System Description of TDD Operation for Public Systems for the ITU Submission", UMTS Layer 1 Expert Group Meeting, Matsushita, May 18-20, 1998, pp. 1-27;

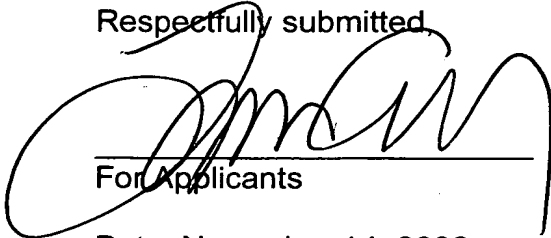
Baltersee, J. et al.: "Performance Bounds for a UMTS Rake Receiver with Imperfect Timing Synchronisation", Global Telecommunications Conference, Globecom '99, IEEE, 1999, pp. 105-109;

Jung, P.: "Analyse und Entwurf digitaler Mobilfunksysteme" [Analysis and Drafting of Digital Mobile Radio Systems], B.G. Teubner Verlag, 1997, pp. 188-215;

International Search Report, dated July 29, 2002.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant.

Respectfully submitted,



For Applicants

LAURENCE A. GREENBERG  
REG. NO. 29,308

Date: November 14, 2003

Lerner and Greenberg, P.A.  
Post Office Box 2480  
Hollywood, FL 33022-2480  
Tel: (954) 925-1100  
Fax: (954) 925-1101

/nt/kf

<b>FORM PTO-1449 (SUBSTITUTE)</b>  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: L&L-I0026 Appl. No.:  <hr/> Applicant: PETER JUNG ET AL.  <hr/> Filing Date: November 14, 2003 Group Art Unit:			
EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A						
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<b>FOREIGN PATENT DOCUMENT</b>							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
	J	198 26 036 A1	12/16/99	Germany			
	K	198 49 544 A1	3/30/00	Germany			
	L	198 49 559 A1	3/23/00	Germany			
	M	101 06 391 A1	8/29/02	Germany			
	N	1 050 973 A1	11/8/00	Europe			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
		Pigeonnat, Y.: "Joint Detection for UMTS: Complexity and Alternative Solutions", Vehicular Technology Conference, IEEE, 4 <sup>th</sup> Ed., May 16, 1999, pp. 546-550					
		Povey, G. J. R. et al.: "TDD-CDMA Extension to FDD-CDMA Based Third Generation Cellular System", International Conference on Universal Personal Communications Record, IEEE, 6 <sup>th</sup> Ed., Vol. 2, October 12, 1997, pp. 813-817					
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	J	95/24086	9/8/95	WIPO			
	K	00/16494	3/23/00	WIPO			
	L	01/18976 A2	3/15/01	WIPO			
	M	01/29982 A1	4/26/01	WIPO			
	N						
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
		Author not listed, Matsushita (ed.): "System Description of TDD Operation for Public Systems for the ITU Submission", UMTS Layer 1 Expert Group Meeting, Matsushita, May 18-20, 1998, pp. 1-27					
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